

1 SP98-03

AXIAL FLOW CATALYST PACK

ABSTRACT OF THE DISCLOSURE

10 A stack of very thin metal plates provides high surface area for catalytic
11 decomposition of a fluid flowing axially from upstream to downstream through the stack.
12 Each plate has flow-through passages of selected size and location to promote uniform
13 flow and good surface contact with a catalyst surface on the plates. The downstream
14 surface of each plate is etched to provide gaps between plates for lateral fluid flow.
15 The plates are divided into groups separated by metering plates that promote more
16 uniform flow from group to group.